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NEWS 8 JUN 06 EPFULL enhanced with 260,000 English abstracts
NEWS 9 JUN 06 KOREAPAT updated with 41,000 documents
NEWS 10 JUN 13 USPATFULL and USPAT2 updated with 11-character patent numbers for U.S. applications
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NEWS 12 JUN 25 CA/CAplus and USPAT databases updated with IPC reclassification data
NEWS 13 JUN 30 AEROSPACE enhanced with more than 1 million U.S. patent records
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NEWS 16 JUN 30 STN AnaVist enhanced with database content from EPFULL
NEWS 17 JUL 28 CA/CAplus patent coverage enhanced
NEWS 18 JUL 28 EPFULL enhanced with additional legal status information from the epoline Register
NEWS 19 JUL 28 IFICDB, IFIPAT, and IFIUDB reloaded with enhancements
NEWS 20 JUL 28 STN Viewer performance improved

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NEWS 22 AUG 13 CA/CAplus enhanced with printed Chemical Abstracts page images from 1967-1998
NEWS 23 AUG 15 CAOLD to be discontinued on December 31, 2008
NEWS 24 AUG 15 CAplus currency for Korean patents enhanced
NEWS 25 AUG 25 CA/CAplus, CASREACT, and IFI and USPAT databases enhanced for more flexible patent number searching
NEWS 26 AUG 27 CAS definition of basic patents expanded to ensure comprehensive access to substance and sequence information
NEWS 27 SEP 18 Support for STN Express, Versions 6.01 and earlier, to be discontinued
NEWS 28 SEP 25 CA/CAplus current-awareness alert options enhanced to accommodate supplemental CAS indexing of exemplified prophetic substances
NEWS 29 SEP 26 WPIDS, WPINDEX, and WPIX coverage of Chinese and and Korean patents enhanced
NEWS 30 SEP 29 IFICLS enhanced with new super search field
NEWS 31 SEP 29 EMBASE and EMBAL enhanced with new search and display fields
NEWS 32 SEP 30 CAS patent coverage enhanced to include exemplified prophetic substances identified in new Japanese-language patents

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3, AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

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NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

* * * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 17:50:02 ON 06 OCT 2008

=> file caplsu
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that are available. If you have requested multiple files, you can
specify a corrected file name or you can enter "IGNORE" to continue
accessing the remaining file names entered.

=> file caplus
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 0.21 0.21

FILE 'CAPLUS' ENTERED AT 17:50:42 ON 06 OCT 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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FILE COVERS 1907 - 6 Oct 2008 VOL 149 ISS 15
FILE LAST UPDATED: 5 Oct 2008 (20081005/ED)

Caplus now includes complete International Patent Classification (IPC)
reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply.
They are available for your review at:

http://www.cas.org/legal/infopolicy.html

=> s CB/ior-CEA.1
'IOR-CEA.1' IS NOT A VALID FIELD CODE
L1 0 CB/IOR-CEA.1

=> s (CB/ior-CEA.1)
'IOR-CEA.1' IS NOT A VALID FIELD CODE
L2 0 (CB/IOR-CEA.1)

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=> s (CB and ior-CEA.1)
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         5020 CBS
        19503 CB
              (CB OR CBS)
          208 IOR
            7 IORS
          214 IOR
              (IOR OR IORS)
         7493 CEA
          216 CEAS
         7685 CEA
              (CEA OR CEAS)
      9833099 1
            2 IOR-CEA.1
              (IOR(W)CEA(W)1)
L3          1 (CB AND IOR-CEA.1)

=> d L3 bib abs 1

L3   ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2008 ACS on STN
AN   2003:892815  CAPLUS
DN   139:380012
TI   Specific antibody fragments for the human carcinoembryonic antigen (CEA)
IN   Gavilondo Cowley, Jorge Victor; Ayala Avila, Marta; Freyre Almeida, Freya
     de los Milagros; Acevedo Castro, Boris Ernesto; Bell Garcia, Hanssel;
     Roque Navarro, Lourdes Tatiana; Gonzalez Lopez, Luis Javier; Cremata
     Alvarez, Jose Alberto; Montesino Segui, Raquel
PA   Centro de Ingenieria Genetica y Biotecnologia, Cuba
SO   PCT Int. Appl., 49 pp.
     CODEN: PIXXD2
DT   Patent
LA   Spanish
FAN.CNT 1
     PATENT NO.          KIND   DATE       APPLICATION NO.      DATE
     ----------------    ----   --------   -------------------  --------
PI   WO 2003093315       A2     20031113   WO 2003-CU5          20030428
     WO 2003093315       A3     20040108
          W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
              CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
              GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
              LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM,
              PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT,
              TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
          RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
              KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,
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FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

CA 2482411 A1 20031113 CA 2003-2482411 20030428
AU 2003223831 A1 20031117 AU 2003-223831 20030428
BR 2003004649 A 20040720 BR 2003-4649 20030428
EP 1505076 A2 20050209 EP 2003-720119 20030428
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
CN 1649901 A 20050803 CN 2003-809658 20030428
CN 1326877 C 20070718
JP 2006500913 T 20060112 JP 2004-501454 20030428
RU 2294939 C2 20070310 RU 2004-134601 20030428
ZA 2004008720 A 20060329 ZA 2004-8720 20041027
MX 2004PA10695 A 20050217 MX 2004-PA10695 20041028
US 20050158322 A1 20050721 US 2005-511794 20050317
US 20070199078 A1 20070823 US 2007-731442 20070330
PRAI CU 2002-86 A 20020429
WO 2003-CU5 W 20030428
US 2005-511794 A3 20050317

AB The invention relates to mono- and bivalent (diabody) single-chain Fv-type (scFv) antibody fragments which are obtained using recombinant DNA techniques from the carcinoembryonic anti-antigen (CEA) monoclonal antibody (McA) CB/ior-CEA.1. The aforementioned McA has a high affinity for the CEA and is used in the diagnosis and monitoring of colorectal tumors in humans. As with the original McA, diabody and monovalent scFv fragments exhibit high affinities for the human CEA and recognize an epitope that is dependent on carbohydrate conservation. The diabody and monovalent scFv fragments have affinity consts. for the CEA of (5.0 .+-. 0.4) x 109 L mol-1 and (2.8 .+-. 0.3) x 1010 L mol-1 resp. The two aforementioned fragments do not display cross-reactivity with normal human tissues and cells, except for the normal colonic mucosa where the CEA is occasionally present. Said fragments can be produced through expression in recombinant micro-organisms from the cloning of nucleic acid sequences that code for variable regions obtained from the hybridoma that is produced by the CB/ior-CEA.1 McA. As with the original McA, the diabody and the monovalent scFv have a capacity for the in vivo identification in rats of human CEA-producing cells which grow forming tumors. The monovalent scFv and diabody do not possess Fc domains and the mol. sizes of said monovalent scFv and diabody are 5 and 2.5 times, resp., less than the rat McA. As a result, the aforementioned monovalent scFv and diabody can better penetrate tissues in vivo and are less immunogenic in humans.

=> s Tomoro and CEA

0 TOMORO
7493 CEA
216 CEAS
7685 CEA
(CEA OR CEAS)
L4 0 TOMORO AND CEA